

FIGURE 1. Computer system

```
graph TD
    subgraph Interface_setup_200 [Interface setup (200)]
        direction TB
        202["Query user regarding setup parameter value (202)  
e.g., Define text pathway on display  
Define neutral zone  
Define acceleration, deceleration zones  
Define functions d_T, T  
Define units for rate r_T of text presentation  
Define stop zones"]
        204["Store user's response (204)"]
        202 --> 204
        204 --> 202
    end

    subgraph Interface_use_220 [Interface use (220)]
        direction TB
        225["Determine cursor position (225)"]
        230["In neutral zone (230)"]
        232["In deceleration zone (232)"]
        234["In acceleration zone (234)"]
        236["At stop zone (236)"]
        242["Decelerate rate of display according to  
function of distance from neutral zone (242)"]
        244["Accelerate rate of display according to  
function of distance from neutral zone (244)"]
        246["Stop advancing text display (246)"]

        225 --> 230
        225 --> 232
        225 --> 234
        225 --> 236
        230 --> 225
        232 --> 242
        234 --> 244
        236 --> 246
        242 --> 225
        244 --> 225
        246 --> 225
    end

    Interface_setup_200 <--> Interface_use_220
```

The flowchart is divided into two main sections: **Interface setup (200)** and **Interface use (220)**, connected by a bidirectional arrow.

Interface setup (200) consists of a loop between two steps:

- Query user regarding setup parameter value (202)**: This step includes defining the text pathway on display, the neutral zone, acceleration and deceleration zones, functions d_T and T , units for the rate r_T of text presentation, and stop zones.
- Store user's response (204)**: This step receives the user's input and feeds it back into the query step.

Interface use (220) is a decision-based process for controlling text advancement:

- Determine cursor position (225)**: The central decision point that branches into four zones.
- In neutral zone (230)**: Leads back to **Determine cursor position (225)**.
- In deceleration zone (232)**: Leads to **Decelerate rate of display according to function of distance from neutral zone (242)**, which then feeds back into **Determine cursor position (225)**.
- In acceleration zone (234)**: Leads to **Accelerate rate of display according to function of distance from neutral zone (244)**, which then feeds back into **Determine cursor position (225)**.
- At stop zone (236)**: Leads to **Stop advancing text display (246)**, which then feeds back into **Determine cursor position (225)**.

Figure 2. Flow diagram of the invention.

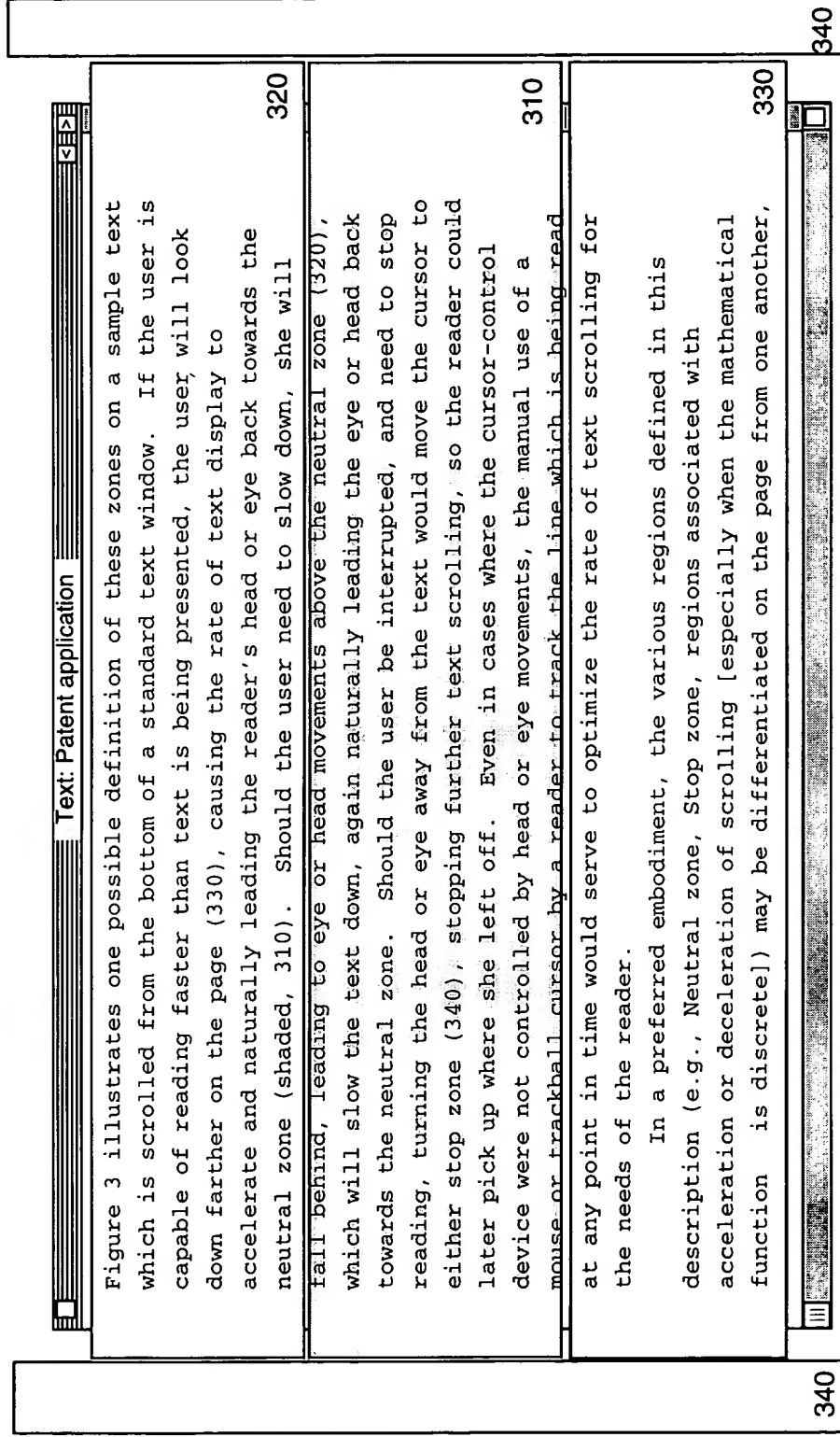


Figure 3

Now is the time for all good men to come to the aid of their country			
440	410	420	430

Figure 4

008220" 62432960